

TERRAZZO



MANHATTAN TERRAZZO BRASS STRIP CO., Inc.

151-155 EAST 128th STREET

NEW YORK, N. Y.

MANHATTAN TERRAZZO BRASS STRIP CO., INC.

Manufacturer of Twin Anchor Brand Strips

151-155 East 128th Street, NEW YORK, N. Y.

Products

TWIN ANCHOR BRAND TERRAZZO STRIPS in various gauges, widths and lengths.

MANHATTAN UNITS for geometrical designs.

BRONZE PLAQUES for panel centers.

SCRIPT or BLOCK LETTERS.

COVE BASE DIVIDERS.



Facilities

We specialize in manufacturing terrazzo dividing strips. We have designed and patented special machinery to produce a quality product automatically and in large quantities. Our factory is complete. We can handle any size order on short notice, and at very attractive prices.

BRASS DIVIDING STRIPS FOR TERRAZZO WORK

Terrazzo mosaic is one of the oldest of arts, dating back to the time of the Venetians and Romans. The industry was first originated by utilizing small pieces of varicolored marble, mixing them with mortar, and spreading them over a floor area. Pumice-stone was used to surface off and smooth over the finish.

Terrazzo has been used extensively for flooring in this country for many years. It is laid plastic, allowed to set, is ground and polished smooth. This furnishes sanitary, durable, fireproof and remarkably long wearing floors in attractive colors.

Yet terrazzo flooring, with all its admitted advantages, was not always satisfactory, because cracking formerly proved a serious objection. The introduction of brass dividing strips, however, helped to overcome this difficulty to a great extent, but its high cost made it prohibitive for commercial terrazzo floors. After considerable experimenting we developed machinery which enabled us to cut the cost of brass strips 50%

and, as a result, terrazzo flooring has forged to the front as a flooring industry.

Brass dividing strips provide deep, effective joints in the floor. Should a crack occur, it will in most cases run along the strip and be practically unnoticeable. The use of brass dividing strips also permits the laying of successive or adjoining panels, thus saving considerable time and eliminating the expensive method of laying alternate sections, as well as working out hundreds of attractive designs.

The great variety of colors and shades obtained by mixing various kinds of marble in correct proportion, enables the carrying out of any decorative scheme desired. The thin metal lines of the brass dividing strips definitely and neatly give the floor an artistic effect not easily obtained with other materials.

The brass strip is principally intended to prevent or localize cracking and, in addition, permits the architect to create any design desired to blend with the entire decorative scheme.



Sterling National Bank, 42nd Street and Lexington Avenue, New York, N. Y.

GILLETTE & WALKER, Architects

TWIN ANCHOR BRAND TERRAZZO BRASS STRIPS

Arc and Cone Types

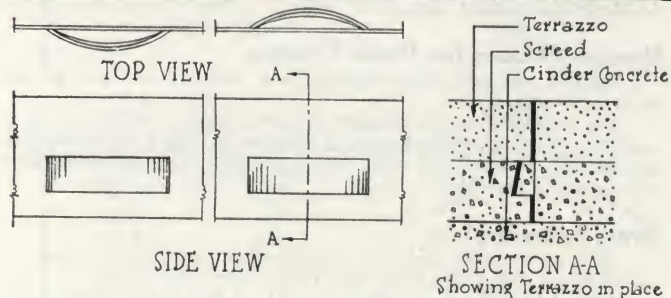
Twin Anchor Brand Terrazzo Strips are made in two styles, in various B.&S. gauges, widths and lengths. We use Anaconda semihard brass made especially for us. This metal is rigid vertically, but sufficiently pliable horizontally to permit its conforming practically to any shape desired for figures, shapes and designs.

Strips are easy to handle, pack easily, take up a minimum amount of space and have no sharp projections and may be had from stock for immediate delivery.

Zinc strips can be had from stock in all gauges marked ** in table in next column, other sizes on short notice. Though principally used for concrete work, they are making considerable headway in terrazzo floors where white metal at a reasonable cost is required. They are very effective in dark floors.

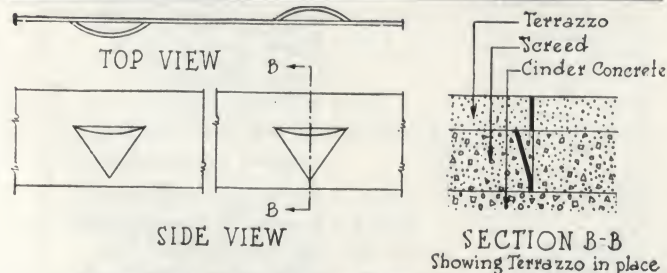
Arc Type—This strip is of a new and distinctly practical design. It has curved projections on either one or both sides which are integral parts of the strip.

The curved projections on this strip on being forced into the screed force the plastic material from one side of the dividing line to the other, thus creating a positive anchor and lock.



Arc Type Twin Anchor Brand Terrazzo Strip

Cone Type—This terrazzo strip is easy to place, and economical to handle. It has cone shaped lateral anchors. Upon being forced into the screed this anchor moulds the plastic material to form a substantial bond. Manhattan Cone Type Terrazzo Strip insures good anchorage without sacrificing that quality of control over cracks, etc., desired in an efficient terrazzo strip.

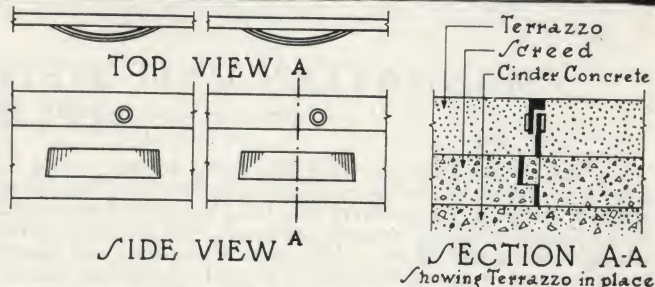


Cone Type Twin Anchor Brand Terrazzo Strip

Special Heavy Top Strip—This is a design developed recently to give the often desired wide wearing surface, without the prohibitive cost of material and handling of a solid strip of the same thickness. It also

has the advantage of shaping up easily for special design work.

The bottom of the strip is of 20 gauge brass with the tops available in $\frac{1}{8}$, $\frac{3}{16}$ and $\frac{1}{4}$ -in. thicknesses. The total depth of the strip is approximately $1\frac{3}{16}$ in., and can be had also $1\frac{7}{8}$ in. deep. Furnished in lengths of 6 ft. only. Assembly is by means of eyelet rivet as illustrated below. This strip made in arc type only. The saving in brass effected by the use of this type over that of a solid brass strip of the same over-all thickness is approximately 35% to 50% depending on gauge used.



Special Heavy Top Twin Anchor Brand Terrazzo Strip

Nickel-silver Strips—Where work of a better grade in white metal is desired, the heavy top strip made of nickel-silver is recommended. Construction features, sizes, etc., are the same as the brass strip, but the saving of metal runs as high as 50% or more.

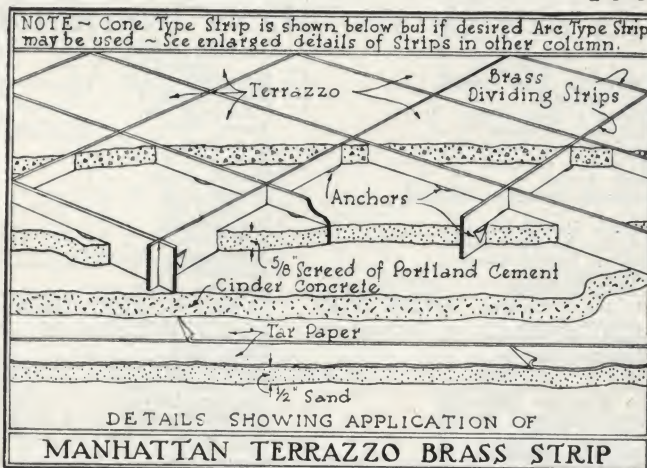
TWIN ANCHOR BRAND TERRAZZO DIVIDING STRIPS

Arc Type						Cone Type		
Size, in.	Gauge	Length, ft.	Size, in.	Gauge	Length, ft.	Size, in.	Gauge	Length, ft.
* $\frac{3}{4}$	20	4	1	16	4-6	$1\frac{1}{4}$	20	4-5-6
1	20	4-5-6	** $1\frac{1}{4}$	16	4-6	$1\frac{1}{2}$	20	6
$1\frac{1}{4}$	20	4-5-6	1	14	6	$1\frac{3}{4}$	19	6
$1\frac{3}{8}$	20	6	** $1\frac{1}{4}$	14	6			
$1\frac{1}{2}$	20	6	$1\frac{1}{4}$	12	6			
1	19	6	$1\frac{1}{4}$	11	6			
$1\frac{1}{4}$	19	4-6	$1\frac{1}{4}$	10	6			
$1\frac{1}{4}$	18	4-5-6	$1\frac{1}{4}$	9	6	$1\frac{3}{4}$	18	4-5-6
** $1\frac{1}{4}$	18	4-5-6	1	8	6	$1\frac{3}{4}$	16	6
$1\frac{3}{8}$	18	6	** $1\frac{1}{4}$ x $\frac{3}{8}$	6	6	$1\frac{3}{4}$	14	6

Note: We can also furnish $\frac{7}{8}$ and $\frac{1}{4}$ -in. brass.
*For wainscoting. **From stock.

Application

The application is clearly shown in the illustration below, and fully described in the specification on the following page.



SPECIFICATION FOR TERRAZZO FLOORS—SUGGESTED FOR ARCHITECTS' USE

General—The Terrazzo Contractor shall consult with the General Contractor for floor arch work and arrange to have the tops of all arches finished $2\frac{1}{2}$ in. below finish floor level.

Sand Cushion—A bed of dry, clean sand shall be evenly spread, approximately $\frac{1}{2}$ in. in depth, over the entire surface of the rough concrete (or.....) floor. This sand cushion shall be covered with one layer of tar paper, laid with generous laps.

Cinder Concrete—Over the completed sand cushion cinder concrete shall be poured (not less than $\frac{3}{4}$ in. thick) and screeded smooth to a uniform level $1\frac{1}{4}$ in. below the finished floor level.

Screed Coat—On the cinder concrete base a screed coat consisting of 1 part portland cement and 4 parts clean coarse sand shall be poured and leveled off exactly $\frac{3}{8}$ in. below the finished floor level.

Brass Dividing Strips—[Arc Type] [Cone Type] Twin Anchor Brand Brass Dividing Strips, as manufactured by the MANHATTAN TERRAZZO BRASS STRIP CO., INC., New York, N. Y., shall be embedded in the screed coat in such manner that the

top edges of the brass dividing strips shall be level with the finished floor surface.

Terrazzo—When the underbed shall have hardened sufficiently to withstand rolling, the wearing surface, consisting of 2 parts of marble granules and 1 part portland cement, shall be spread $\frac{3}{8}$ in. thick and rolled and troweled to secure a dense, even surface.

Finish—After the terrazzo has set the floor shall be polished with a terrazzo grinding machine to secure a surface smooth and free from holes or blemishes.

Note: Proper protection of terrazzo work completed ahead of painters, plasterers and other trades is important.

Protection of Finished Floors—When the final grinding is completed, a solution of 1 part "Shine-all" and 6 parts water shall be applied in generous quantities and allowed to dry in. A thick covering of wood shavings or heavy building paper shall be used to protect the floors until their acceptance. On completion of all work clean floor by flushing with warm water and deliver the work in perfect condition.

MANHATTAN UNIT SYSTEM—ITS ADVANTAGES AND APPLICATIONS

Using standard Arc or Cone type brass terrazzo strips, in gauges as called for in the particular specifications, the MANHATTAN TERRAZZO BRASS STRIP CO., INC., has developed several dozen shapes, including squares, diamonds, ellipses, circles, stars, triangles and many others. With these basic shapes an almost limitless number of combinations is possible, providing literally hundreds of very attractive designs. This method has been in use for a sufficient length of time to prove its worth both as to artistic effect and economy of installation.

This installation of the units is a very simple process, easily accomplished by any experienced terrazzo contractor.

The ends of most all units are slotted to accommodate staple-shaped clasps which are inserted and bent over to lock the ends together, forming a butt joint of great strength and rigidity.

Sizes and Prices—Units can be made to any required dimensions, but for practical reasons it is advisable to limit the size so that the floor will average one unit per square foot. This requirement should also apply to special designs conceived by the architect.

Prices on various units are governed entirely by the sizes required; we shall be glad to quote prices upon receipt of specifications.

Angle Strips and Nosings

Details of the brass angle strip and nosing are shown at the bottom of the following page. The former are used for all types of composition and mastic floorings, acting as dividing strips between colors or materials and also as stops or nosings. They are also often used where there is a difference in floor levels between rooms at door openings.

The nosing is used for the top of bases, to finish off the point where terrazzo and plaster meet.

Cove Base Dividers

We can furnish from stock cove base dividers with standard radius, 18, 19 or 20 gauge material. Also hospital base dividers and special shapes to order.

Bronze Plaques for Panel Centers

Bronze plaques have become very popular for use in the centers of panels.

We maintain an assortment of the designs which are used regularly; or can furnish special plaques to order. Our bronze plaques are constructed with ample provision for inserting and anchoring in the floor.

Brass Lettering

We can furnish script or block letters in all sizes, ready to insert when the terrazzo is installed.

Write for prices, including sketch showing dimensions desired. We carry 4-in. solid cast brass or white metal block letters in stock.

Low Cost

We are in position to quote very attractive prices on strips because we specialize. Our patented labor-saving machinery, low overhead and small margin of profit enable us to make low prices possible.

Let us send you estimate and samples.

A FEW OF THE MANY INSTALLATIONS USING MANHATTAN STRIP

BUILDING
Shortridge High School
City Hospital
Reymer's Main Store
Children's Hospital
Foltis Fisher Foods
St. John's Hospital
Book Arcade
Syracuse Memorial Hospital

Patrick Henry Hotel
Sterling National Bank
Foshay Tower Arcade
Christ Hospital
Sterick Building
St. Anne's Hospital
Jefferson Hotel
Petroleum Building
Michigan Theatre
Weatherby Building
Good Samaritan Hospital
St. Michael's Scholastic
Mercy Hospital Addition
Anglican College
Palmolive Building
Y. M. C. A.

LOCATION
Indianapolis, Ind.
Biloxi, Miss.
Pittsburgh, Pa.
Akron, Ohio
New York, N. Y.
Brooklyn, N. Y.
Detroit, Mich.
Syracuse, N. Y.

Roanoke, Va.
New York, N. Y.
Minneapolis, Minn.
Palisades, N. J.
Memphis, Tenn.
Chicago, Ill.
St. Louis, Mo.
Midland, Tex.
Flint, Mich.
Portland, Ore.
Cincinnati, Ohio
Spokane, Wash.
Springfield, Mass.
Vancouver, B. C.
Chicago, Ill.
Dayton, Ohio

ARCHITECT
Kopf & Deery
Carl Mathews
Lamont H. Button
Good & Wagner
W. F. Mayfroth
Lord & Hewlett
J. H. Book, Jr.
John Russell Pope and
Dwight James Baum

Walker & Gillette
Magney & Tusler
John T. Rowland, Jr.
Wyatt C. Hedrick
Hermann J. Gaul
Teich & Sullivan
Wyatt C. Hedrick
J. Bachman
Sutton & Whitney
Gustave Drach
Julius Zittel
John W. Donohue
Sharpe & Thompson
Holabird & Root
Schenck & Williams

TERRAZZO CONTRACTOR
Santarossa Mosaic & Tile Co.
East Coast Tile Co.
Hachmeister-Lind Co.
Flower Marble & Tile Co.
Marbleoid Company
L. Limanti & Son
Wm. E. Brady Co.
Schenectady Tile Co.

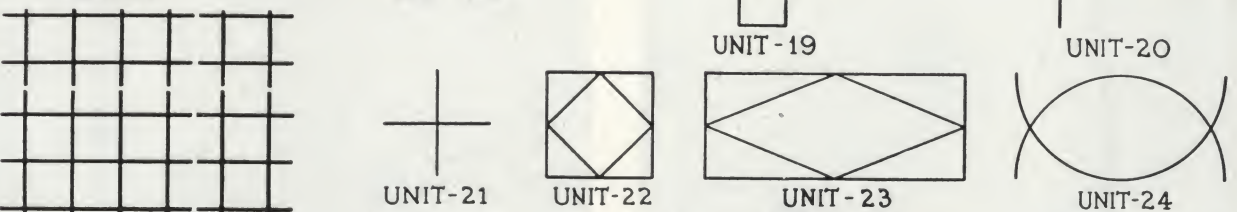
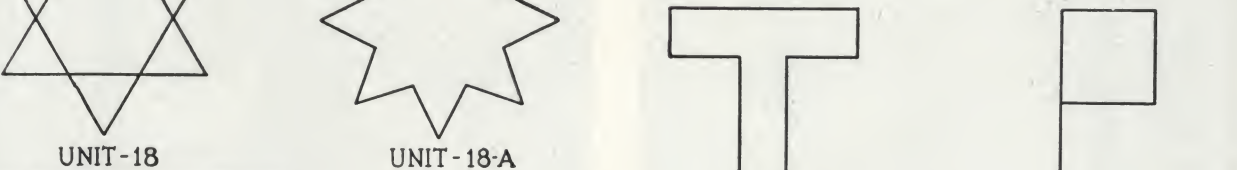
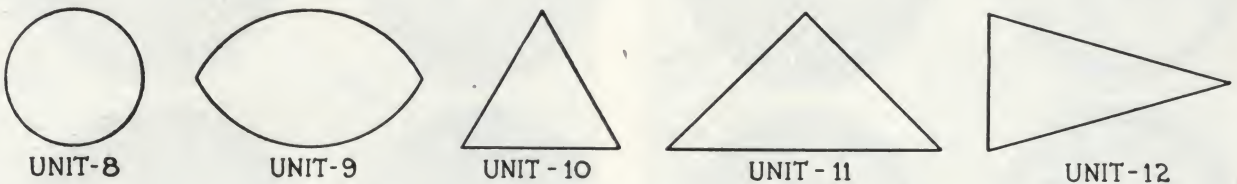
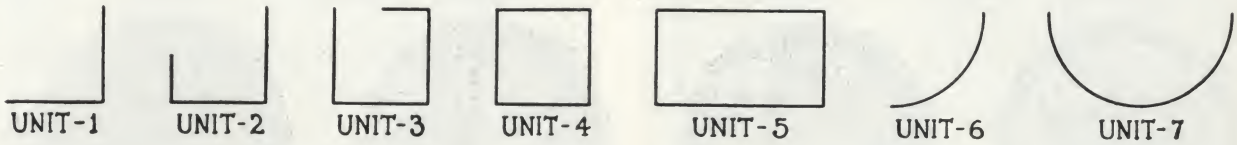
Columbia Mosaic & Tile Co.
V. Foscatto, Inc.
Venice Art Marble Co.
A. De Spirt
American & Venetian Marble Co.
Davia Bros. Marble Co.
The Terrazzo Co.
Union Art Mosaic Tile Co.
Flint Mosaic & Terrazzo Tile Co.
William Frese Co.
The Cassini Mosaic & Tile Co.
Spokane Terrazzo Works
W. J. Kelly Co.
Wm. O'Neil Co., Ltd.
American Mosaic & Terrazzo Co.
Serena Brothers

STANDARD UNITS FOR MANHATTAN SYSTEM OF TERRAZZO FLOORS

The standard units which go to make up the Manhattan Unit System of terrazzo floor designs are found below.

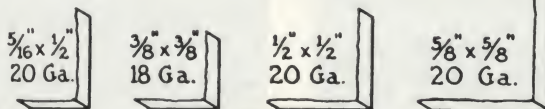
By combining certain of these standard insets, a wide variety of designs can be devised in making up the fields and borders.

On the following pages will be found a few suggested designs with a list of the standard units employed in each design. It will be readily seen from a careful study of these plates how the effective use of the unit system will give the desired result when considering decorative floor designs.



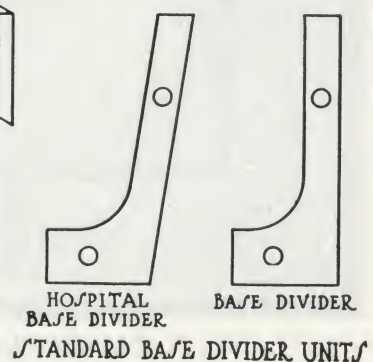
SLOTTED BRASS
for checkered design used
in Anesthesia and Operating
Rooms of Hospitals.

Note: Slotted brass strips grounded
to a water pipe, thereby preventing
being charged by contact with an
open electric circuit.



**ANGLE STRIPS FOR
COMPOSITION FLOORING**

**BRASS NOSING
FOR
TOP OF BASE**



MANHATTAN
TERRAZZO BRASS
STRIP CO., INC.

STANDARD UNITS

PLATE 1

BRONZE PLAQUES FOR PANEL CENTERS



Eagle

Double
Eagle

Elephant

Flying
HorseFlying
LionWise
Owl

Star



Fisher



Bull

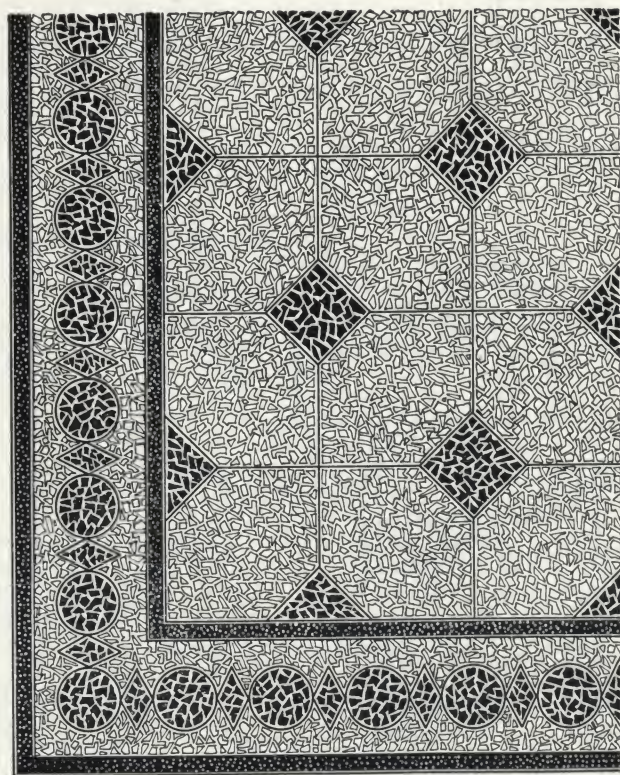
Strong
Man

Ship



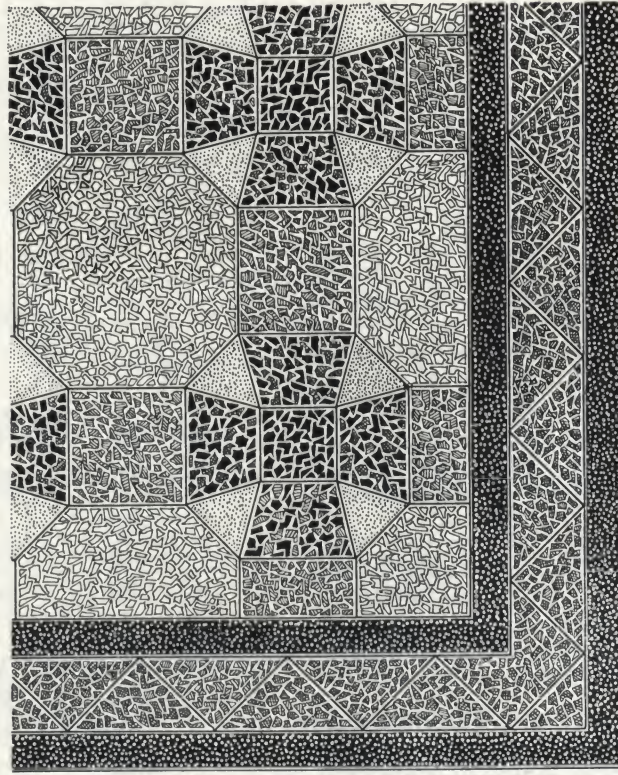
Urn

ATTRACTIVE DESIGNS SECURED BY USING MANHATTAN UNIT SYSTEM



DESIGN No. 1

Field Units U-4, U-21. Border Units U-8, U-14

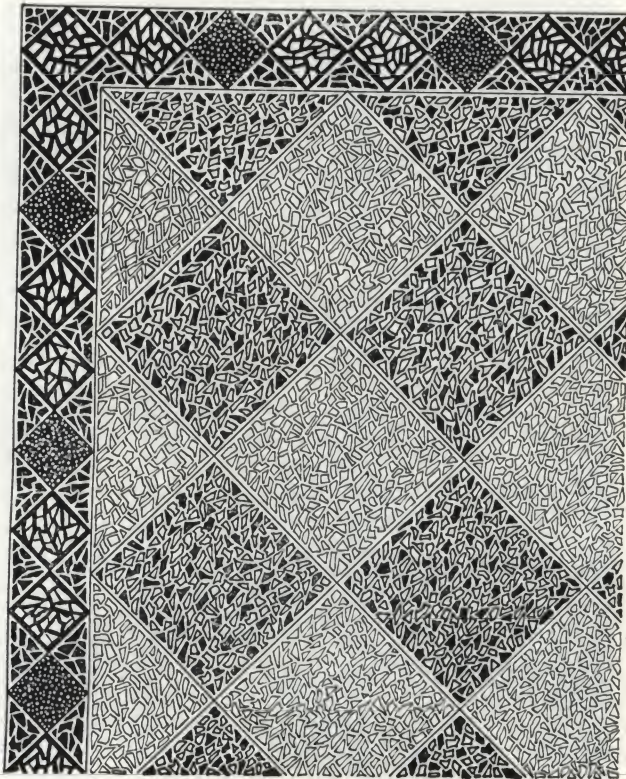


DESIGN No. 2

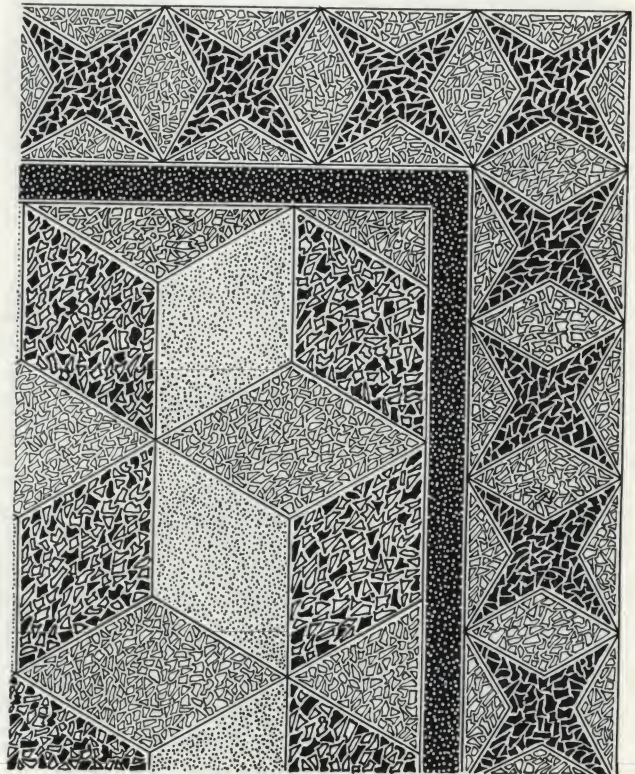
Field Units U-4, U-10. Border Unit U-1

MANHATTAN
TERRAZZO BRASS
STRIP CO., INC.DECORATIVE FLOOR SUGGESTIONS
AND PLAQUES BY MANHATTAN

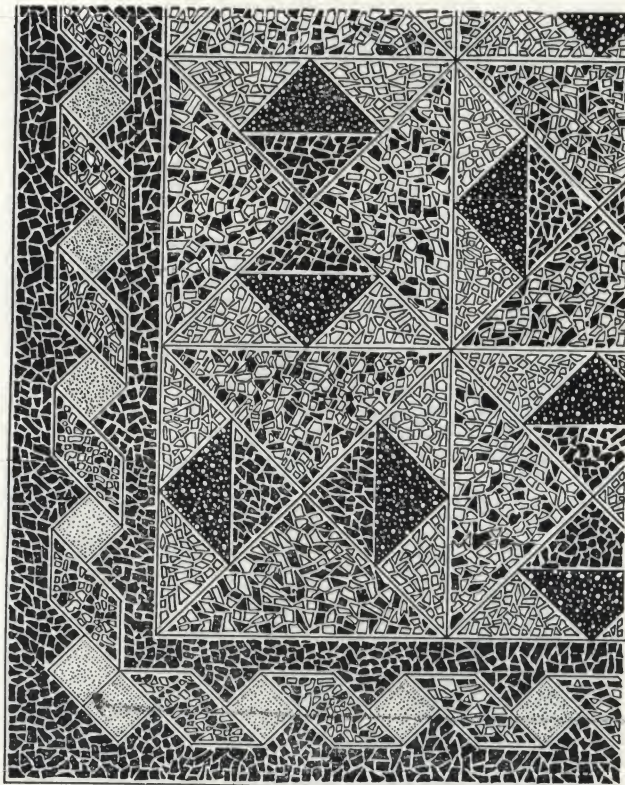
PLATE 2



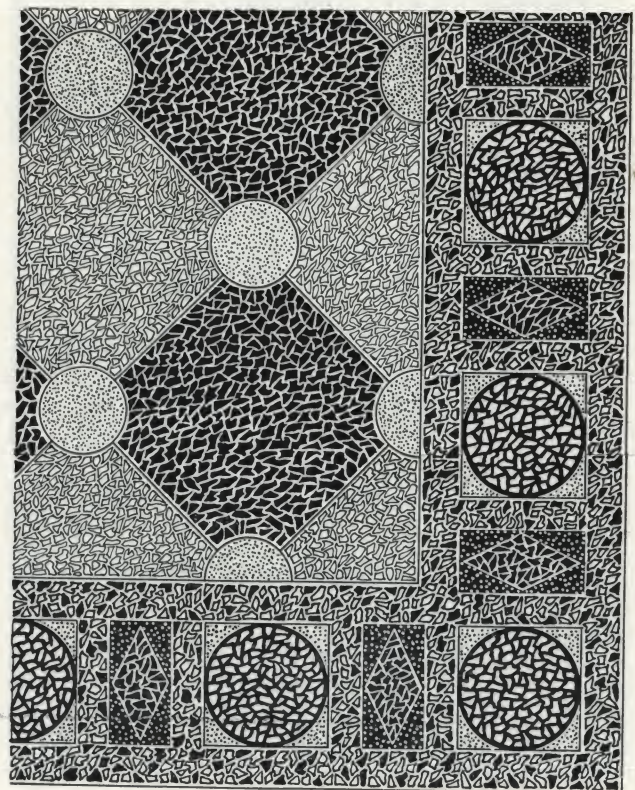
DESIGN No. 3
Field Unit Standard Strips. Border Unit U-15



DESIGN No. 4
Field Unit U-14. Border Unit U-16



DESIGN No. 5
Field Units U-11, U-21 & Standard Strips. Border Unit U-20

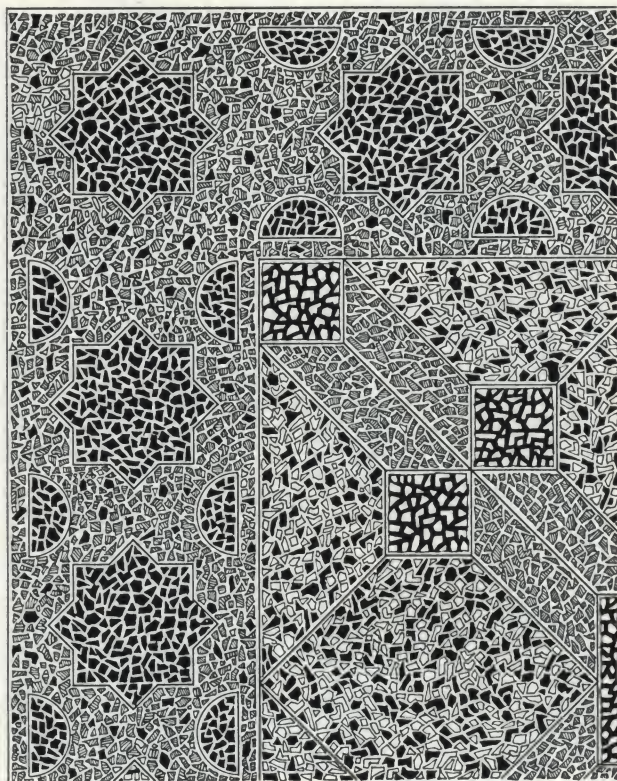


DESIGN No. 6
Field Units U-8 & Standard Strips. Border Units U-4, U-8, U-23

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TERRAZZO BRASS
STRIP CO., INC.

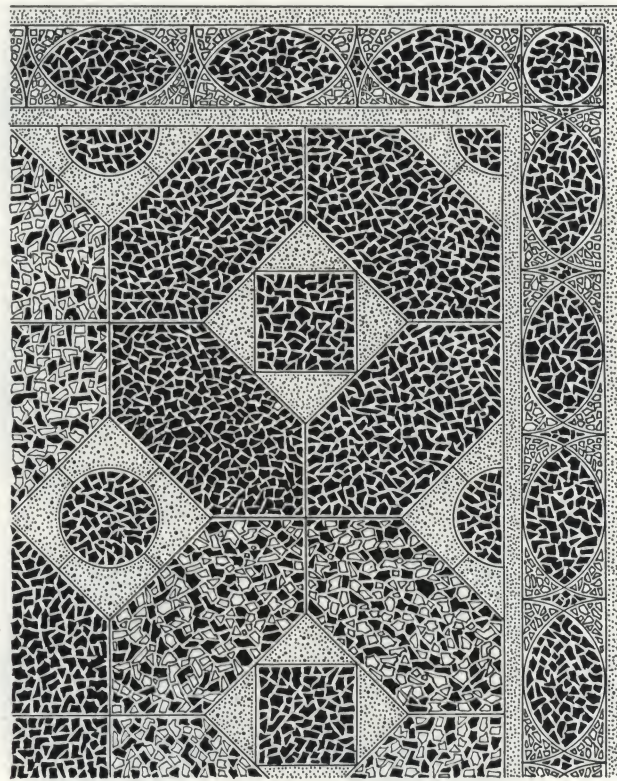
DECORATIVE FLOOR SUGGESTIONS
BY MANHATTAN

PLATE 3



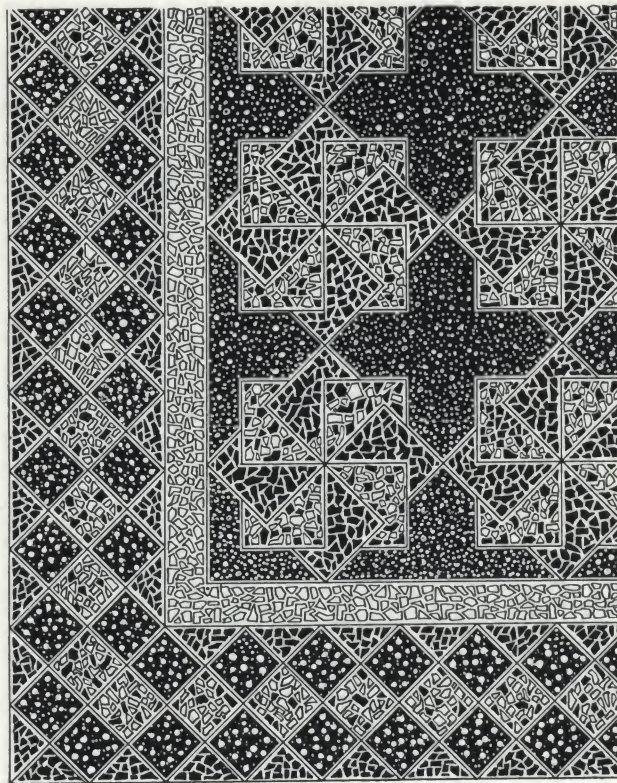
DESIGN No. 7

Field Units U-4 & Standard Strips. Border Units U-7, U-17



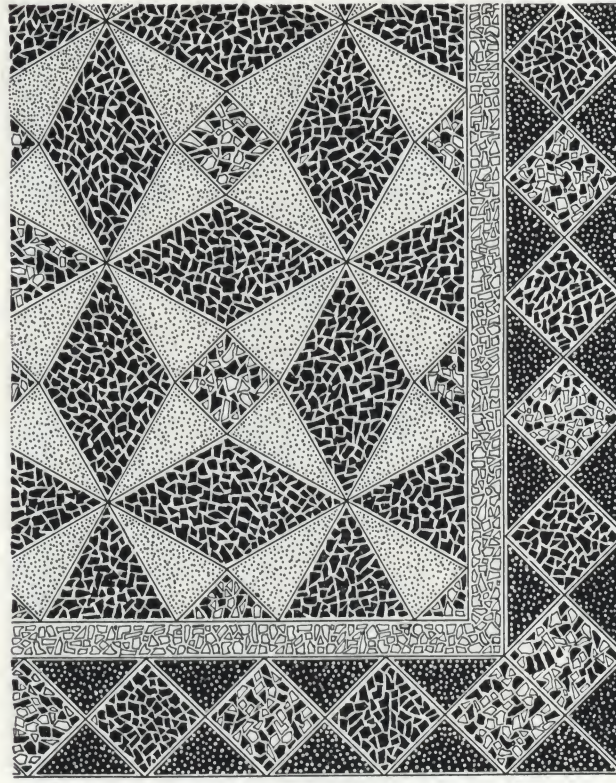
DESIGN No. 8

Field Units U-4, U-8, U-21. Border Unit U-24



DESIGN No. 9

Field Unit U-2. Border Unit U-15



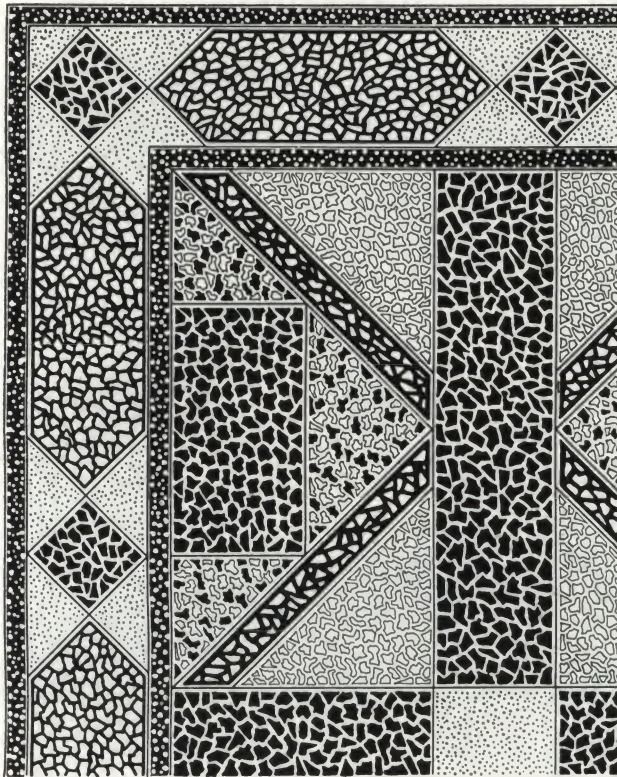
DESIGN No. 10

Field Unit U-12. Border Units U-4 or U-15

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STRIP CO., INC.

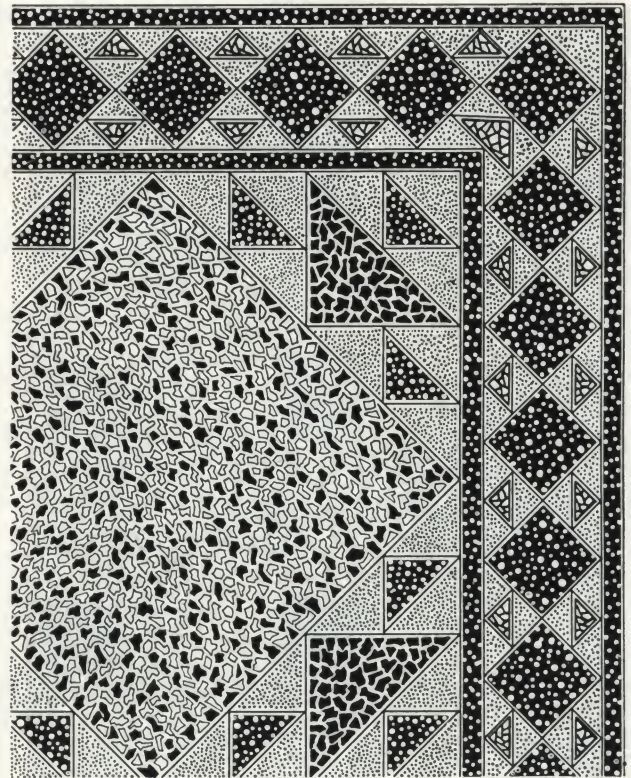
DECORATIVE FLOOR SUGGESTIONS
BY MANHATTAN

PLATE 4



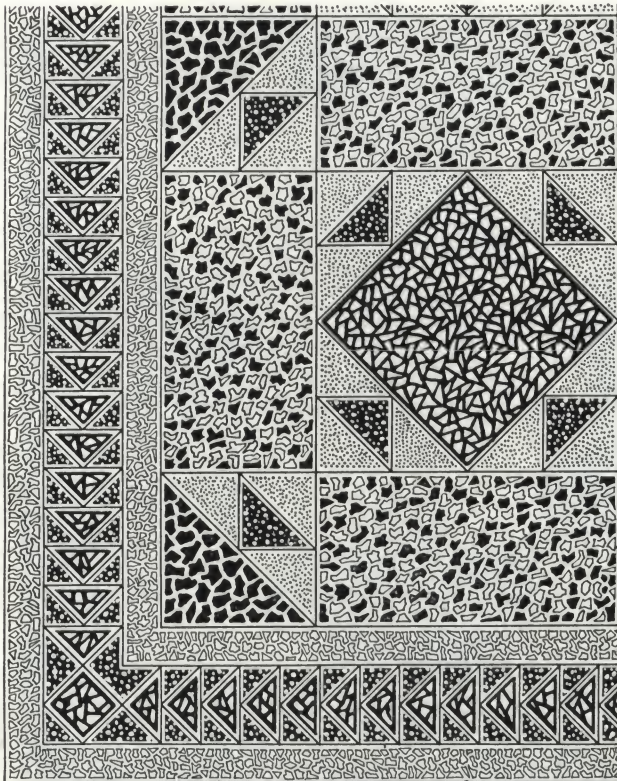
DESIGN No. 11

Field Units U-4 & Standard Strips. Border Unit U-21



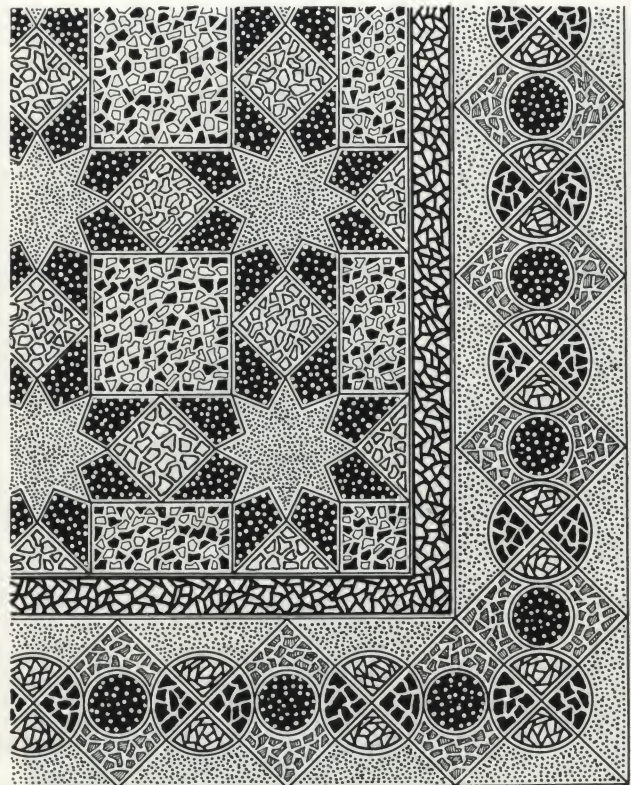
DESIGN No. 12

Field Units U-4, U-11, Various Sizes. Border Units U-11, U-15



DESIGN No. 13

Field Units U-4, U-11. Border Unit U-11



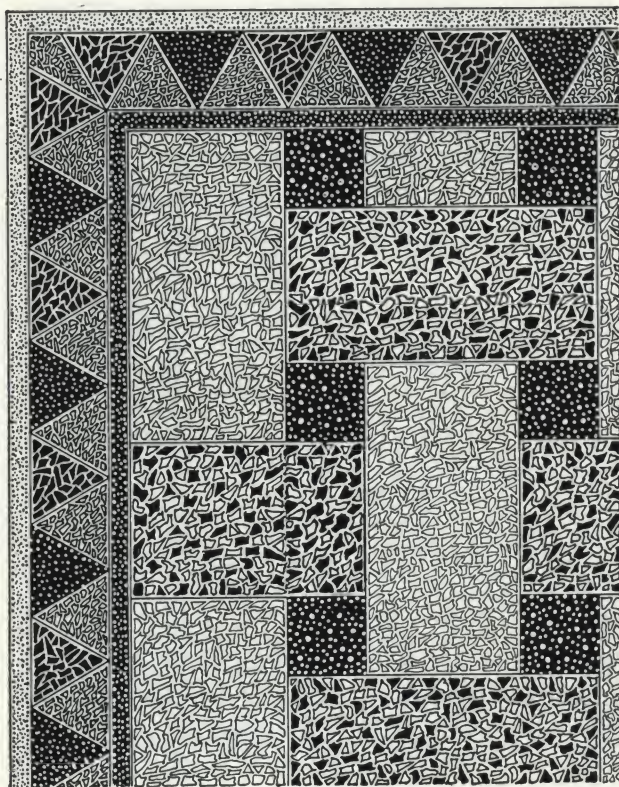
DESIGN No. 14

Field Units U-4, U-18A. Border Units U-4, U-6, U-8

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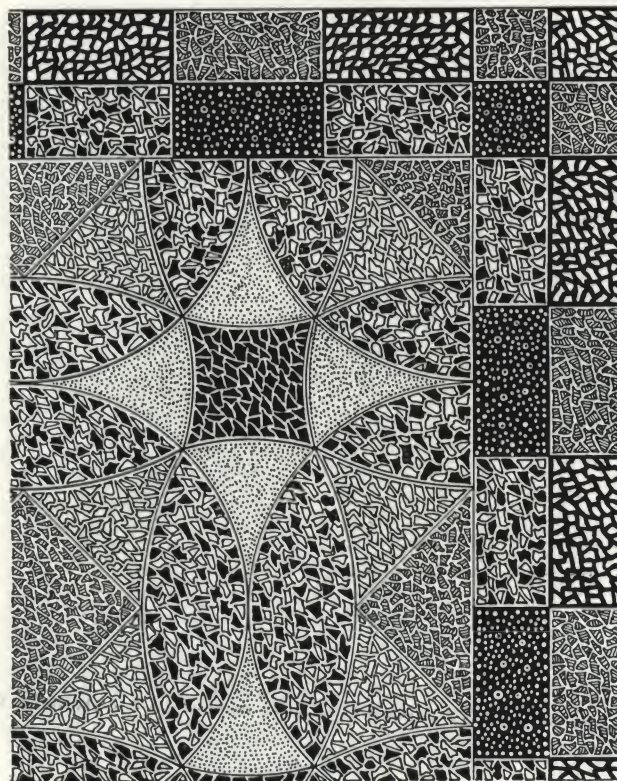
DECORATIVE FLOOR SUGGESTIONS
BY MANHATTAN

PLATE 5



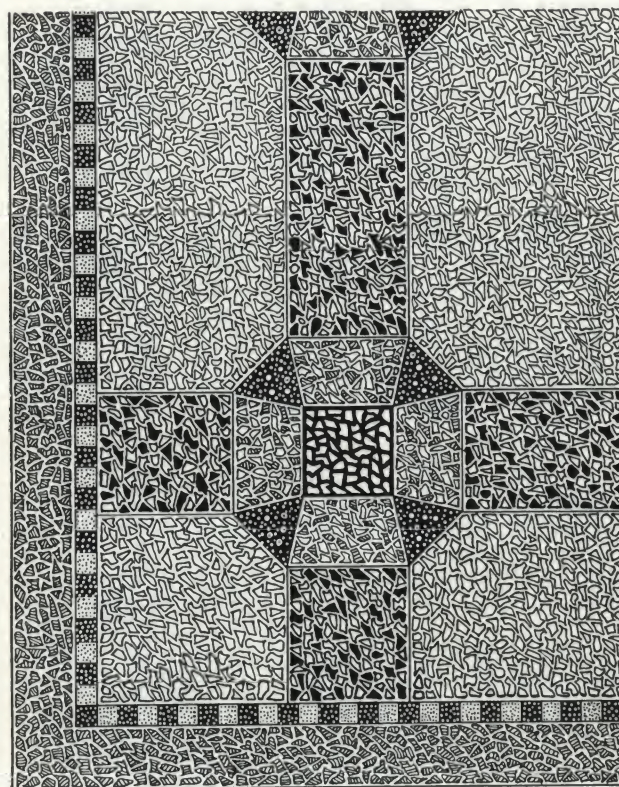
DESIGN No. 15

Field Unit Standard Strips. Border Unit U-1



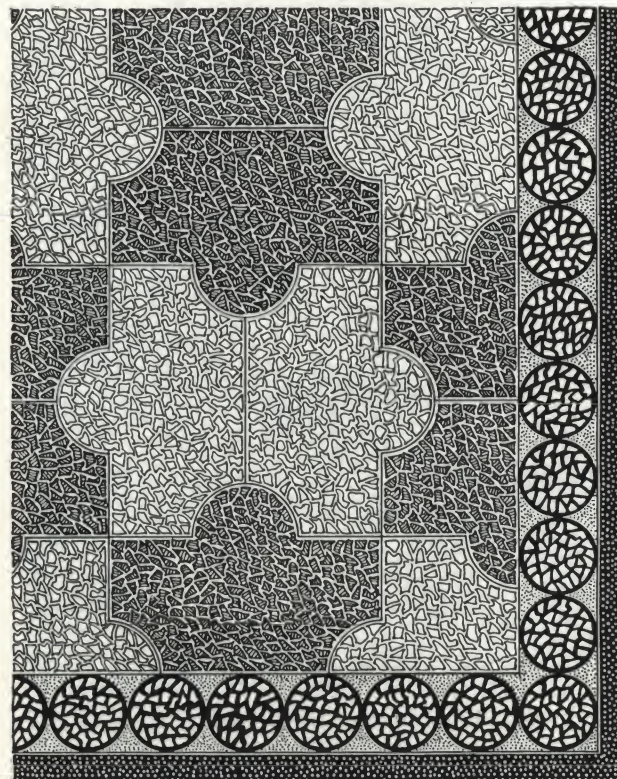
DESIGN No. 16

Field Units U-4, U-25, U-26. Border Unit Standard Strips.



DESIGN No. 17

Field Units U-4, U-5, U-10. Border Unit Mosaic Cubes.



DESIGN No. 18

Field Units U-7, U-21. Border Unit U-8

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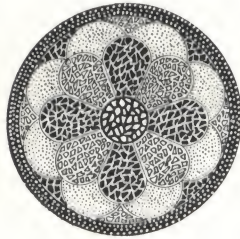
DECORATIVE FLOOR SUGGESTIONS
BY MANHATTAN

PLATE 6

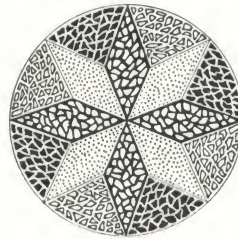
SUGGESTIONS FOR CENTER PIECES



C-1



C-2



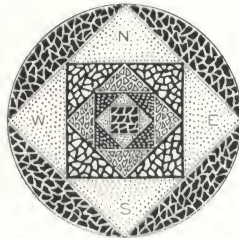
C-3



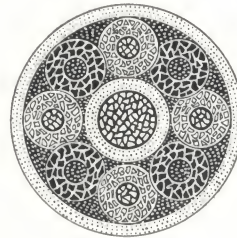
C-4



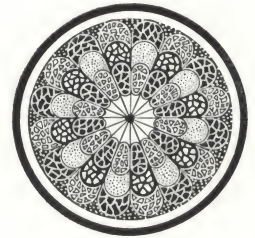
C-5



C-6



C-7



C-8

Script

Letters

A B C D E F

G H I J K L

M N O P R U

1 2 3 4 5 6 7 8 9 0 ;

Script or block letters made up in all sizes.



E-1 CONSTRUCTED WITH UNIT-1



E-2 CONSTRUCTED WITH UNITS 6 & 8 OR UNIT-26



E-3 CONSTRUCTED WITH UNITS-4-6 & 8



E-4 CONSTRUCTED WITH UNIT-7



E-5 CONSTRUCTED WITH UNITS-6 & 8

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TERRAZZO BRASS
STRIP CO., INC.

DECORATIVE FLOOR SUGGESTIONS
BY MANHATTAN

PLATE 7



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INTERNATIONAL
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TECHNOLOGY
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